

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005723**Date Inspected:** 06-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Liu Wei Wei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 5-

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. The welds were previously rejected visually by QA Inspector George Goulet. ZPMC performed visual inspection and grinding of miscellaneous welding anomalies prior to Caltrans QA VT and MT inspection. This QA Inspector generated an MT report for this date. The members are identified as Bike Path interior box welds for BK001-008 through BK001-014. The weld identification numbers are the same for all eight members mentioned above and are as follows, 012 through 023, 063 through 066, 040 through 045, 047 through 060 and 026 through 037.

Bay 3-

This QA inspector performed Ultrasonic Testing (UT) and Magnetic Particle Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT and MT report for this date. The member is identified as cross beam plate CB204F. The weld identification numbers are as follows, CB204F-001-003, 004, 007 and 008.

This QA inspector performed Ultrasonic Testing (UT) of approximately 15% of the area previously tested and

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## WELDING INSPECTION REPORT

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accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT report for this date. The member is identified as Floor Beam FB011-023 and FB011-025. The weld identification numbers are as follows, FB011-023-045 and FB011-025-045. Both welds were repairs (R1).

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

### Summary of Conversations:

Only general conversations between QA and QC occurred this date.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150 0042 2372, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Viars,Larry	Quality Assurance Inspector
<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer

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